

Docket No.  
ISPH-0518

# Declaration and Power of Attorney For Patent Application

## English Language Declaration

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

### ANTISENSE MODULATION OF TNFR1 EXPRESSION

the specification of which

(check one)

is attached hereto.

was filed on October 24, 2000 as United States Application No. or PCT International Application Number 09/694,541

and was amended on \_\_\_\_\_  
(if applicable)

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, Section 119(a)-(d) or Section 365(b) of any foreign application(s) for patent or inventor's certificate, or Section 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate or PCT International application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s)

Priority Not Claimed

(Number)	(Country)	(Day/Month/Year Filed)	<input type="checkbox"/>
(Number)	(Country)	(Day/Month/Year Filed)	<input type="checkbox"/>
(Number)	(Country)	(Day/Month/Year Filed)	<input type="checkbox"/>

I hereby claim the benefit under 35 U.S.C. Section 119(e) of any United States provisional application(s) listed below:

(Application Serial No.)	(Filing Date)
(Application Serial No.)	(Filing Date)
(Application Serial No.)	(Filing Date)

I hereby claim the benefit under 35 U. S. C. Section 120 of any United States application(s), or Section 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. Section 112, I acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in Title 37, C. F. R., Section 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application:

<b>PCT/US99/13763</b>	<b>June 17, 1999</b>	
(Application Serial No.)	(Filing Date)	(Status) (patented, pending, abandoned)
<b>09/106,038</b>	<b>June 26, 1998</b>	
(Application Serial No.)	(Filing Date)	(Status) (patented, pending, abandoned)
(Application Serial No.)	(Filing Date)	(Status) (patented, pending, abandoned)

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. (list name and registration number)



26259

PATENT TRADEMARK OFFICE

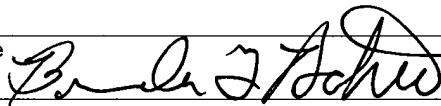
Herb Boswell, Reg. No. 27,311  
 Laurel Spear Bernstein, Reg. No. 37, 280  
 Robert S. Andrews, Reg. No. 44,508  
 April Logan, Reg. No. 33,950  
 Neil S. Bartfield, Reg. No. 39,901

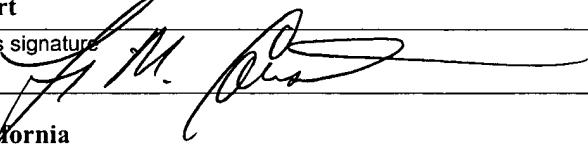
of the firm

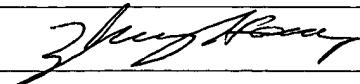
Isis Pharmaceuticals, Inc.  
 Carlsbad Research Center  
 2292 Faraday Avenue, Carlsbad, California

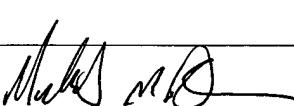
Send Correspondence to: Jane Massey Licata or Kathleen A. Tyrrell  
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 66 E. Main Street  
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Full name of sole or first inventor <b>Brenda F. Baker</b>	Sole or first inventor's signature 	Date <b>11/17/00</b>
Residence <b>Carlsbad, California</b>		
Citizenship <b>US</b>		
Post Office Address <b>2147 Avenida Toronja</b>		
<b>Carlsbad, California</b>		

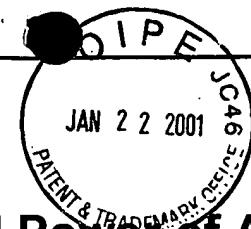
Full name of second inventor, if any <b>Lex M. Cowser</b>	Second inventor's signature 	Date <b>11/24/00</b>
Residence <b>Carlsbad, California</b>		
Citizenship <b>US</b>		
Post Office Address <b>3008 Newshire Street</b>		
<b>Carlsbad, California</b>		

Full name of third inventor, if any		
<b>Hong Zhang</b>		
Third inventor's signature		
		Date
Residence		
<b>Carlsbad, California</b>		
Citizenship		
<b>US</b>		
Post Office Address		
<b>3339 Cadencia Street</b>		
Carlsbad, California		

Full name of fourth inventor, if any		
<b>Nicholas M. Dean</b>		
Fourth inventor's signature		
		Date
Residence		
<b>Olivenhain, California</b>		
Citizenship		
<b>GB</b>		
Post Office Address		
<b>2110 Whisperwind Lane</b>		
Olivenhain, California		

Full name of fifth inventor, if any		
Fifth inventor's signature		
Residence		
Citizenship		
Post Office Address		

Full name of sixth inventor, if any		
Sixth inventor's signature		
Residence		
Citizenship		
Post Office Address		

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### Prior Foreign Application(s)

### Priority Not Claimed

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 April Logan, Reg. No. 33,950  
 Neil S. Bartfield, Reg. No. 39,901

of the firm

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**Carlsbad Research Center**  
**2292 Faraday Avenue, Carlsbad, California**

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**Licata & Tyrrell P.C.**  
**66 E. Main Street**  
**Marlton, New Jersey 08053**

Direct Telephone Calls to: (name and telephone number)  
**Jane Massey Licata or Kathleen A. Tyrrell - (856) 810-1515**

Full name of sole or first inventor <b>Brenda F. Baker</b>	Date
Sole or first inventor's signature 	<b>11/17/00</b>
Residence <b>Carlsbad, California</b>	
Citizenship <b>US</b>	
Post Office Address <b>2147 Avenida Toronja</b>	
<b>Carlsbad, California</b>	

Full name of second inventor, if any <b>Lex M. Cowser</b>	Date
Second inventor's signature 	<b>11/24/00</b>
Residence <b>Carlsbad, California</b>	
Citizenship <b>US</b>	
Post Office Address <b>3008 Newshire Street</b>	
<b>Carlsbad, California</b>	

Full name of third inventor, if any		
<b>Hong Zhang</b>		
Third inventor's signature		
		Date
		11/16/2000
Residence		
<b>Carlsbad, California</b>		
Citizenship		
<b>US</b>		
Post Office Address		
<b>3339 Cadencia Street</b>		
Carlsbad, California		

Full name of fourth inventor, if any		
<b>Nicholas M. Dean</b>		
Fourth inventor's signature		
		Date
		20 Nov 2000
Residence		
<b>Olivenhain, California</b>		
Citizenship		
<b>GB</b>		
Post Office Address		
<b>2110 Whisperwind Lane</b>		
Olivehain, California		

Full name of fifth inventor, if any		
Fifth inventor's signature		
Residence		
Citizenship		
Post Office Address		

Full name of sixth inventor, if any		
Sixth inventor's signature		
Residence		
Citizenship		
Post Office Address		